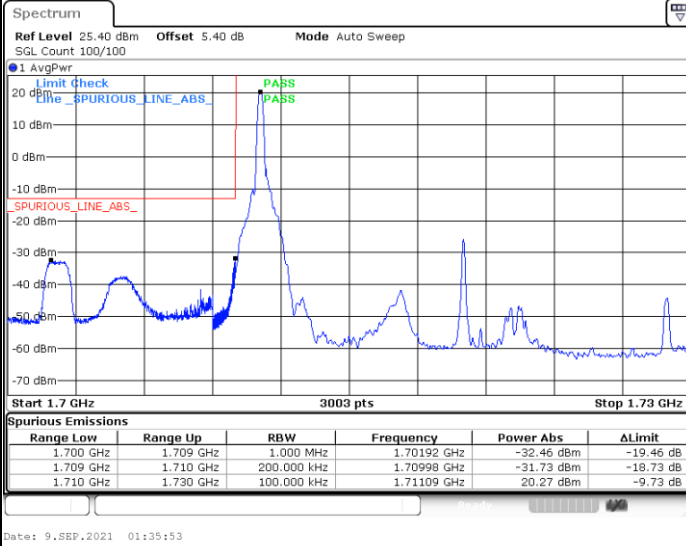


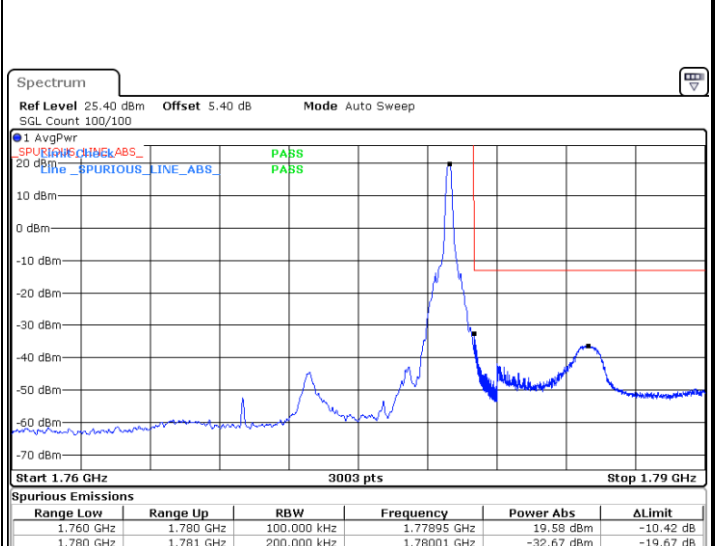


LTE Band 66 / 20MHz / 64QAM

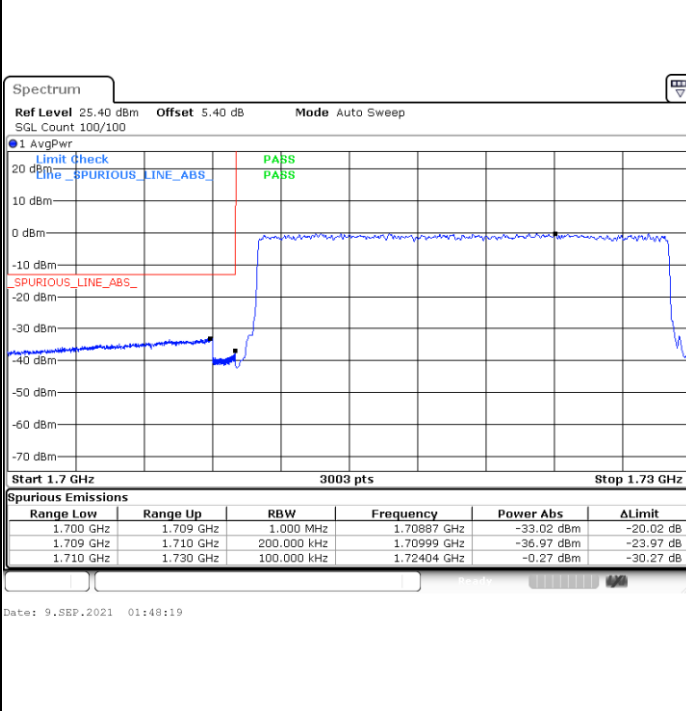
Lowest Band Edge / 1 RB



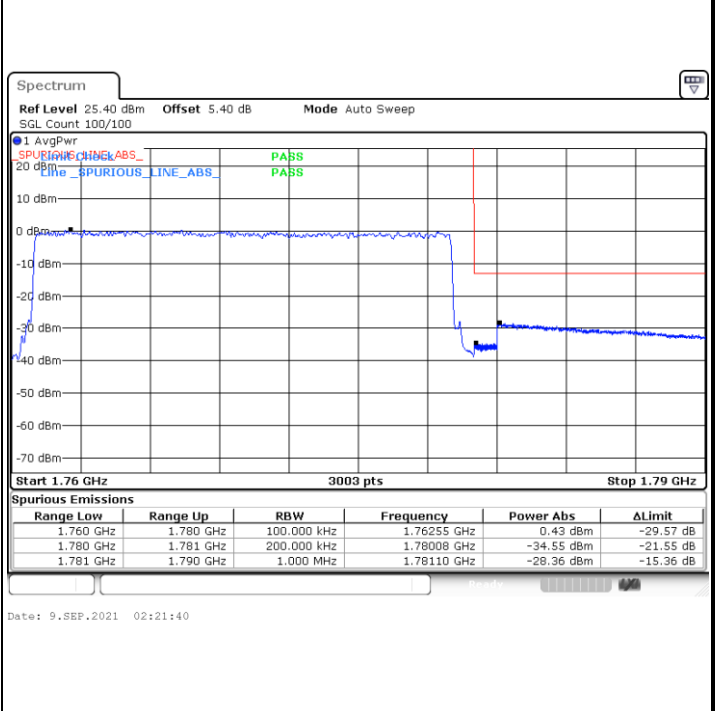
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



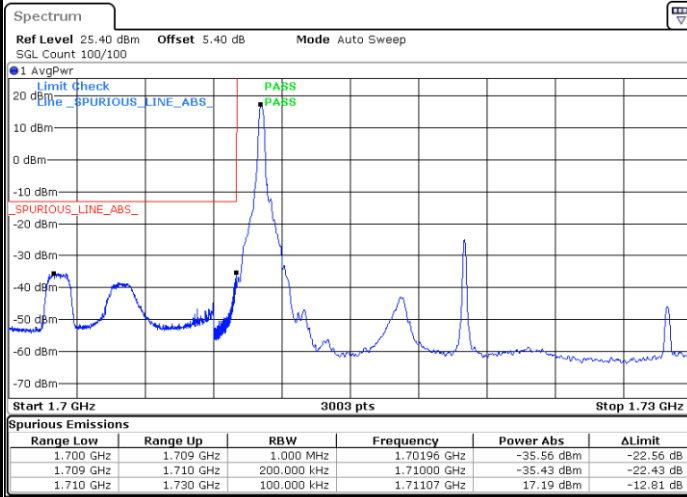
Highest Band Edge / Full RB





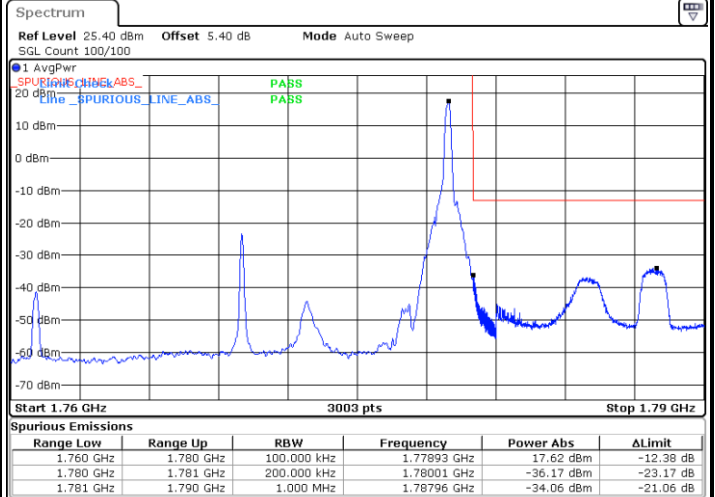
LTE Band 66 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



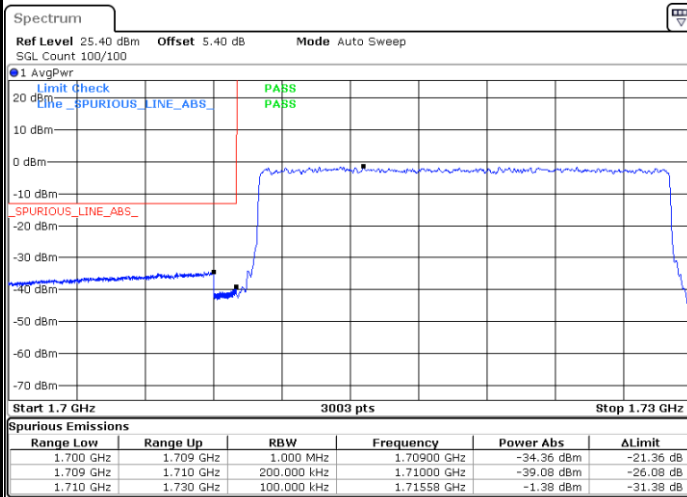
Date: 9.SEP.2021 01:36:56

Highest Band Edge / 1 RB



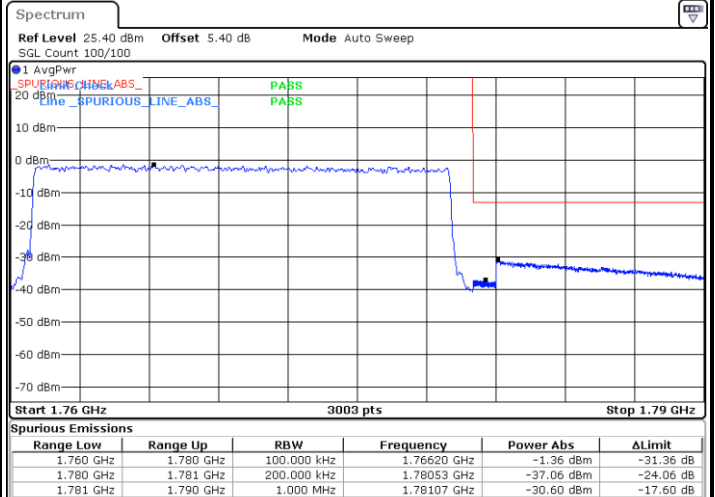
Date: 9.SEP.2021 02:13:39

Lowest Band Edge / Full RB



Date: 9.SEP.2021 01:49:32

Highest Band Edge / Full RB



Date: 9.SEP.2021 02:44:24



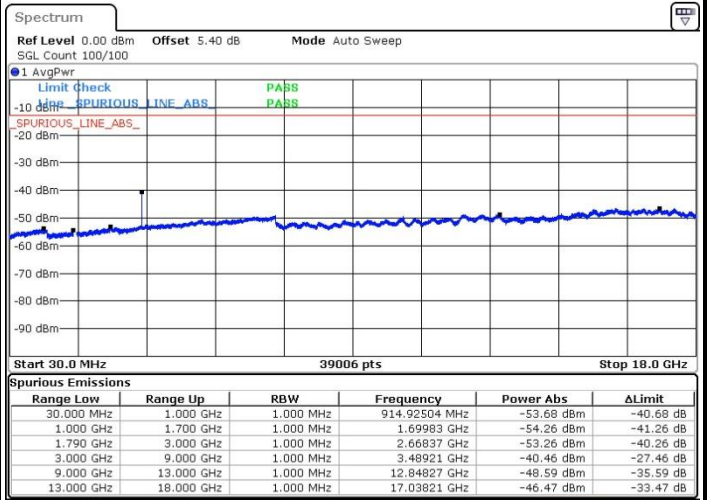
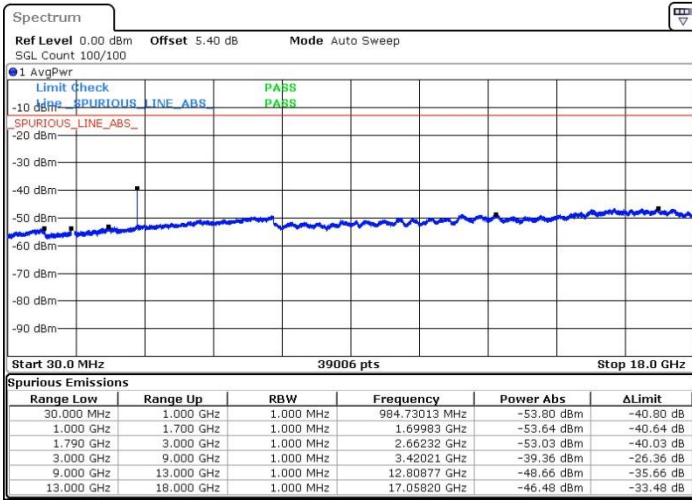
**Conducted Spurious Emission**



LTE Band 66 / 1.4MHz

Lowest Channel / QPSK

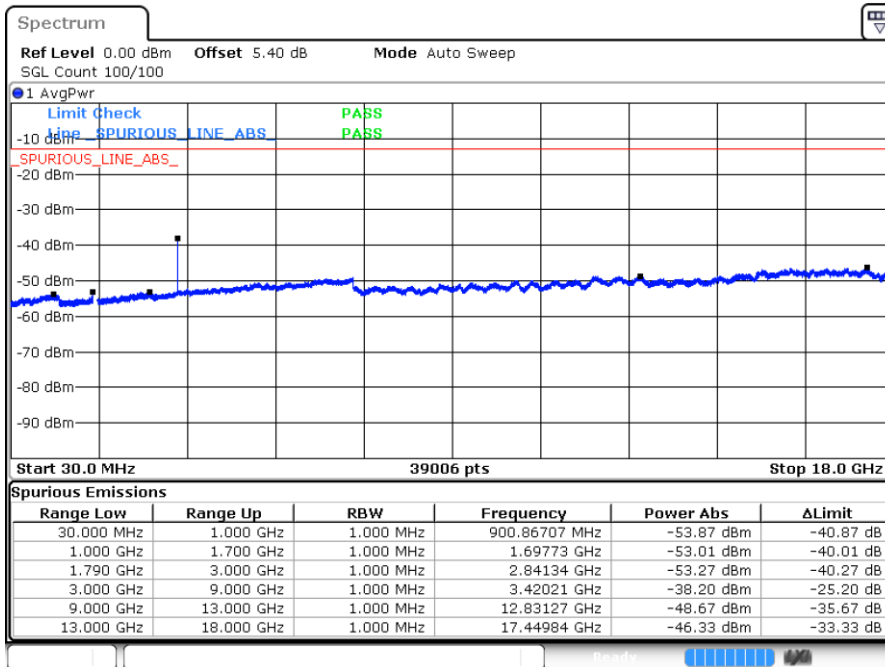
Middle Channel / QPSK



Date: 30.AUG.2021 11:13:58

Date: 30.AUG.2021 11:14:53

Highest Channel / QPSK

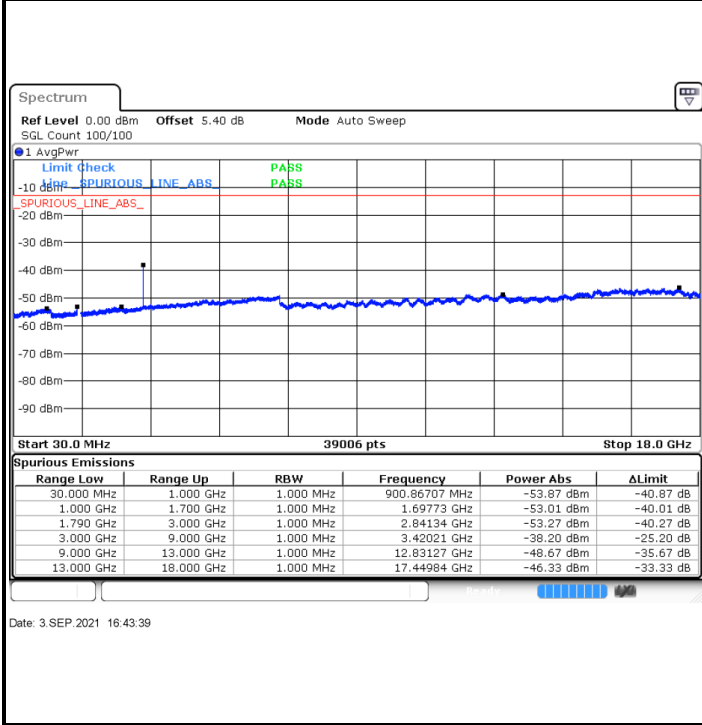


Date: 3.SEP.2021 16:43:39

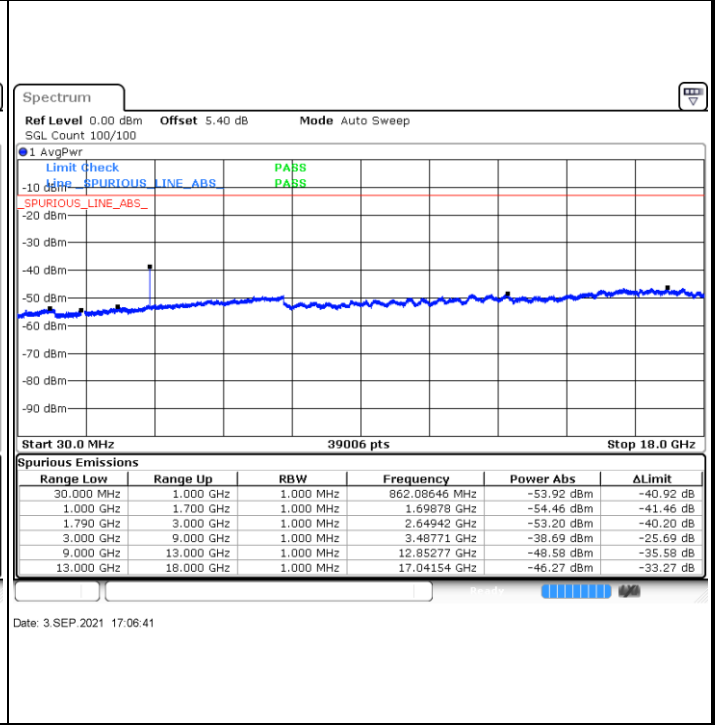


**LTE Band 66 / 3MHz**

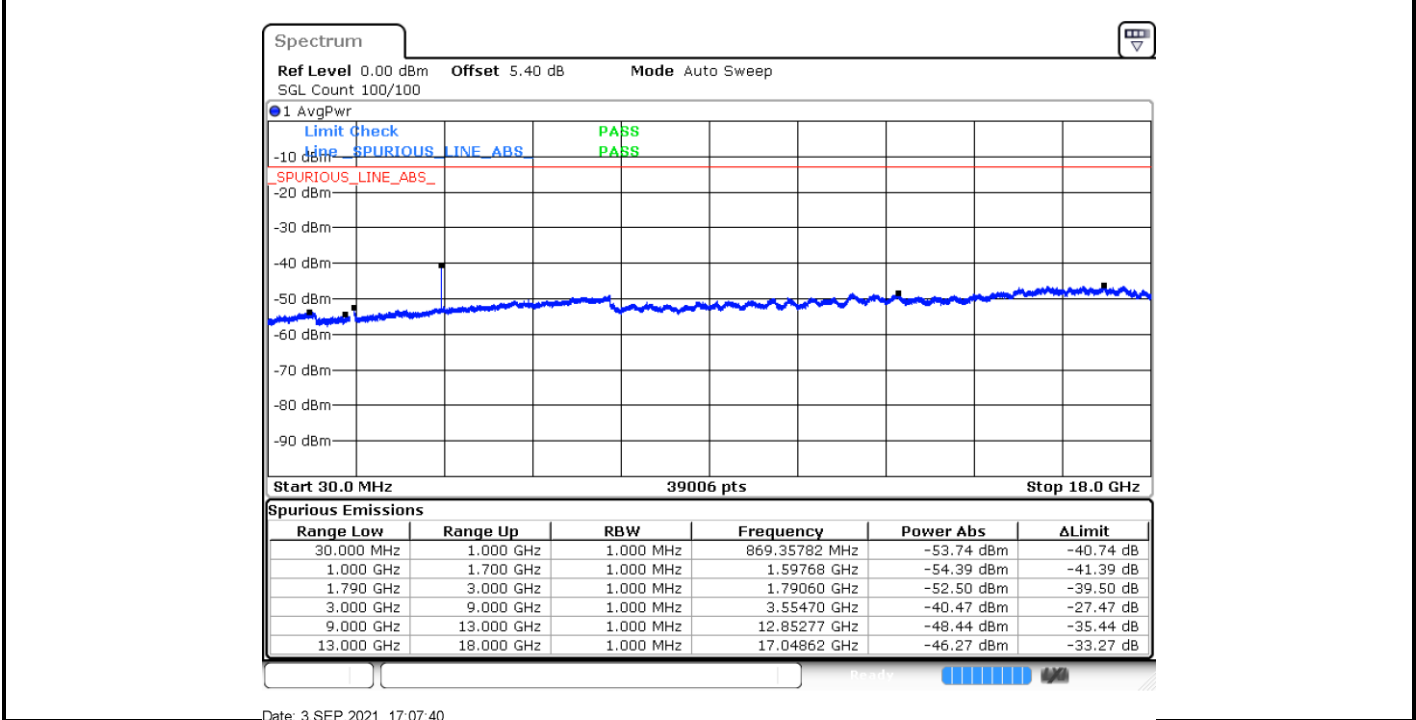
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



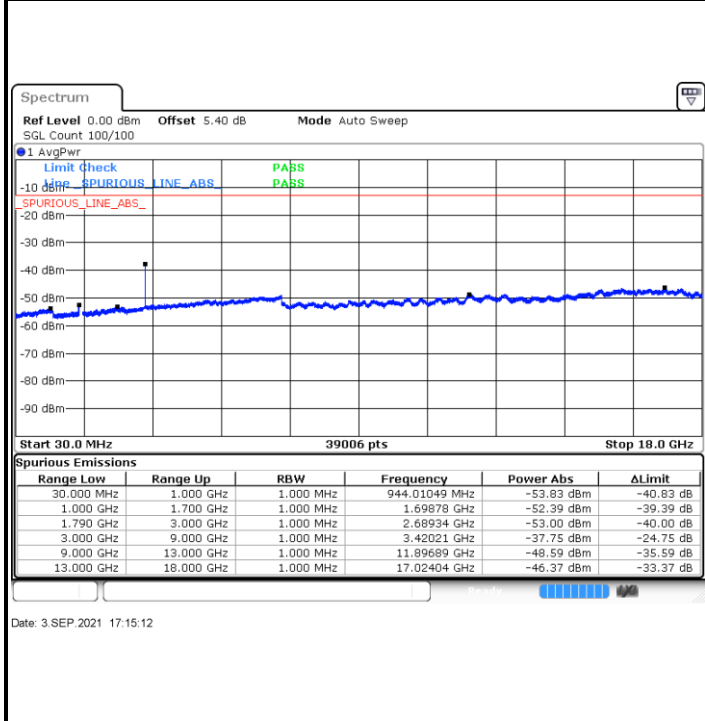
**Highest Channel / QPSK**



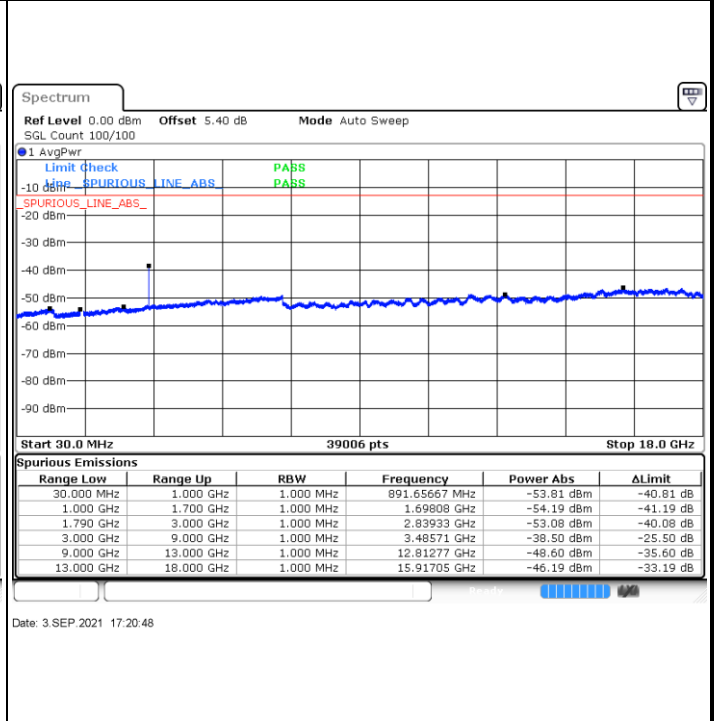


**LTE Band 66 / 5MHz**

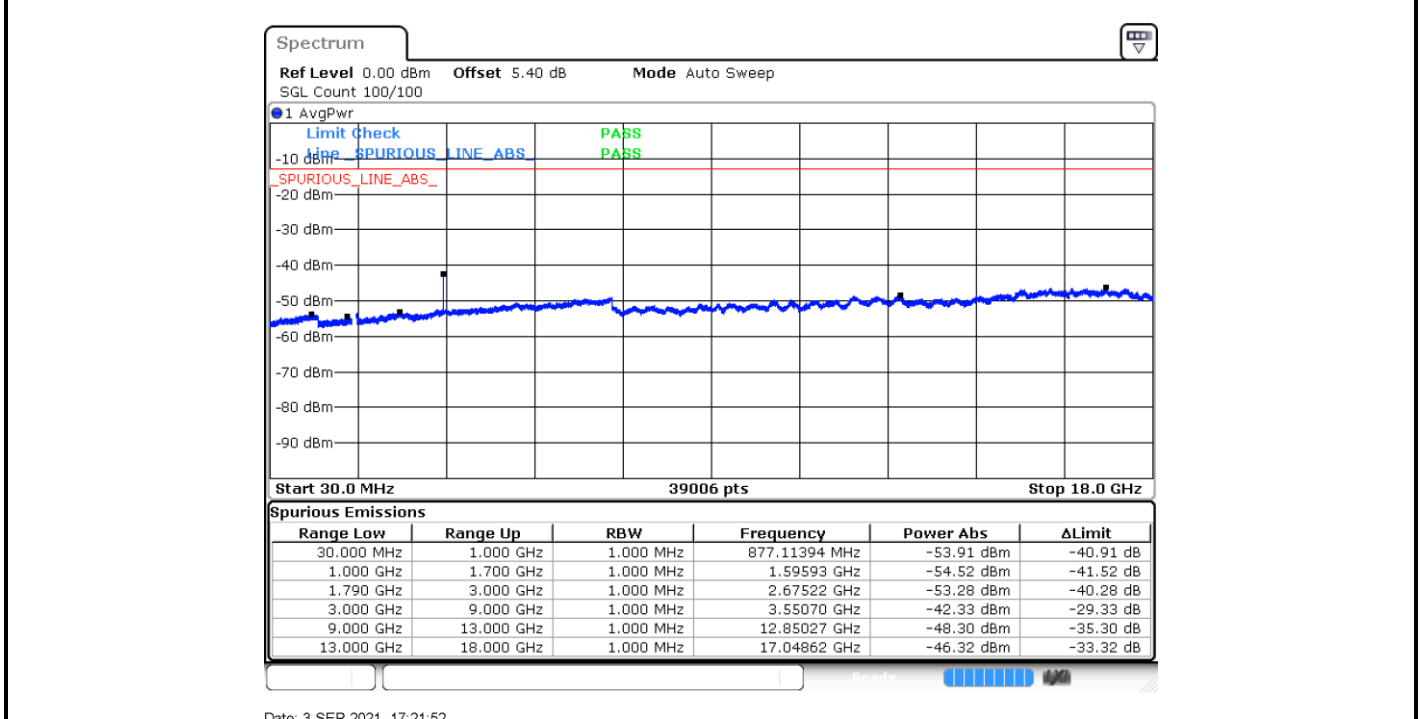
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



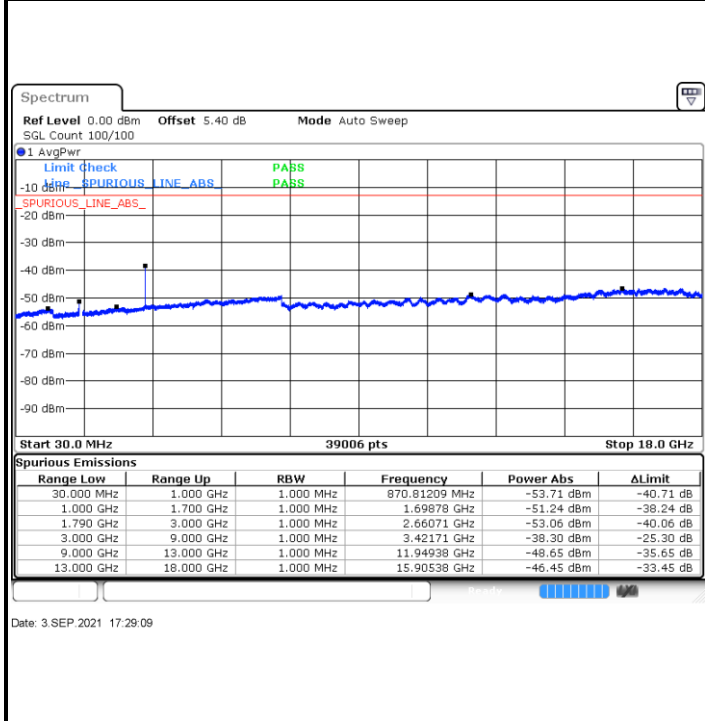
**Highest Channel / QPSK**



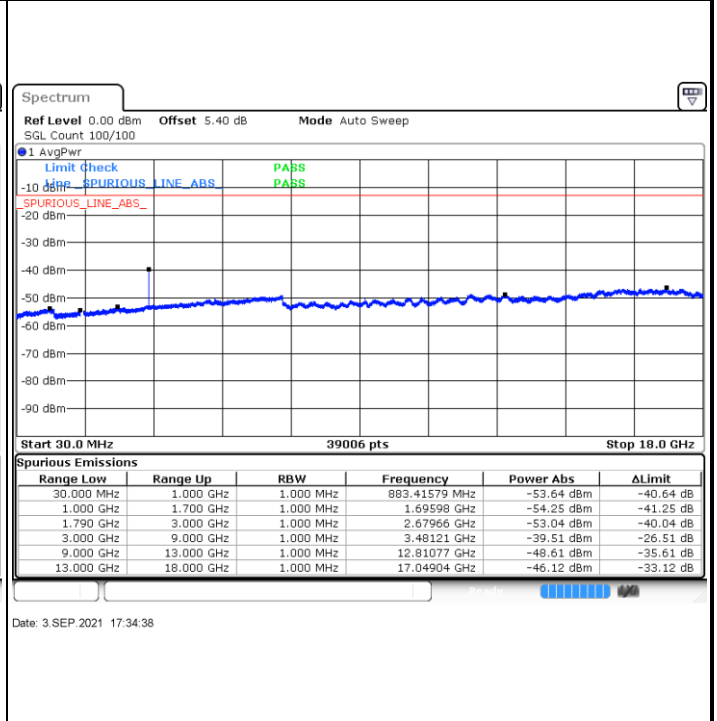


**LTE Band 66 / 10MHz**

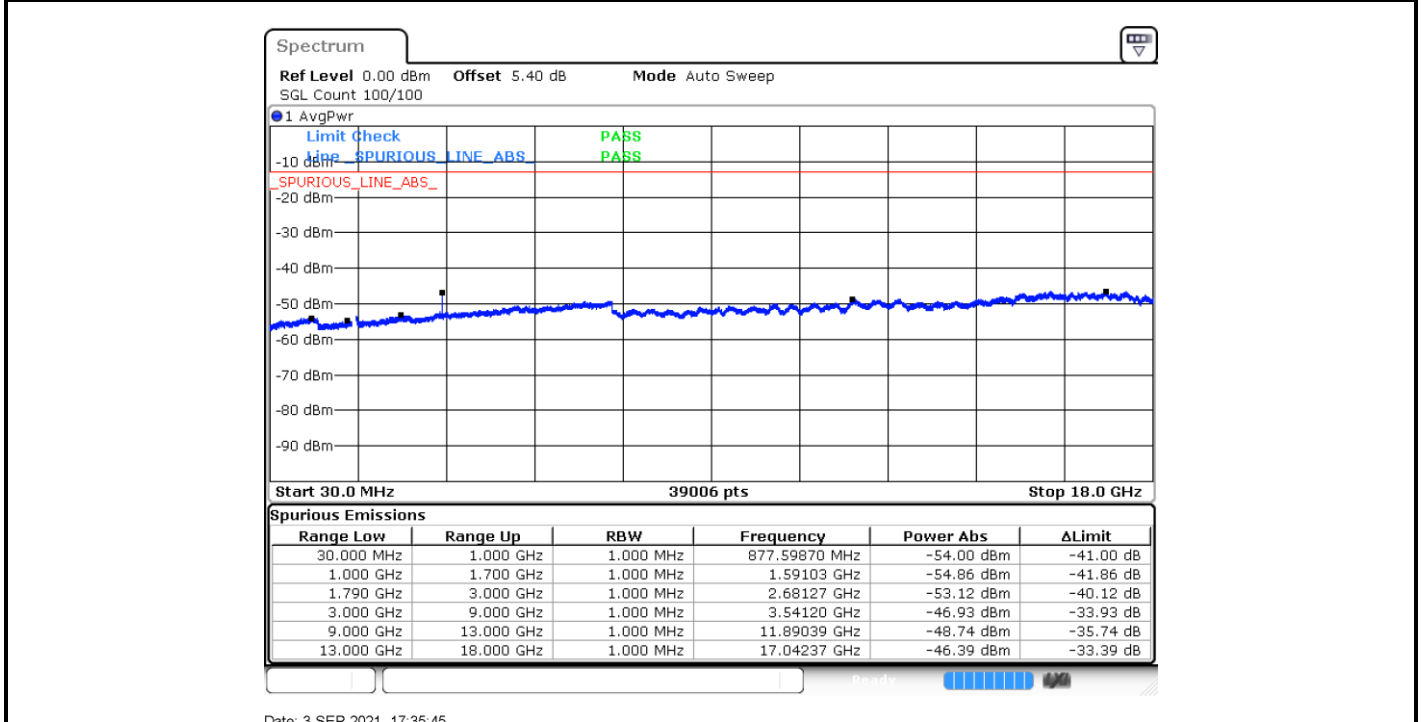
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



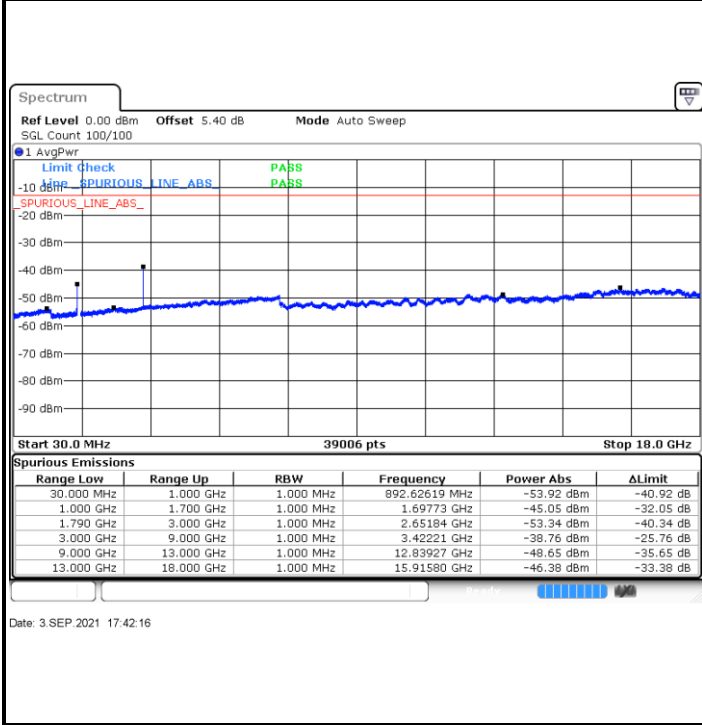
**Highest Channel / QPSK**



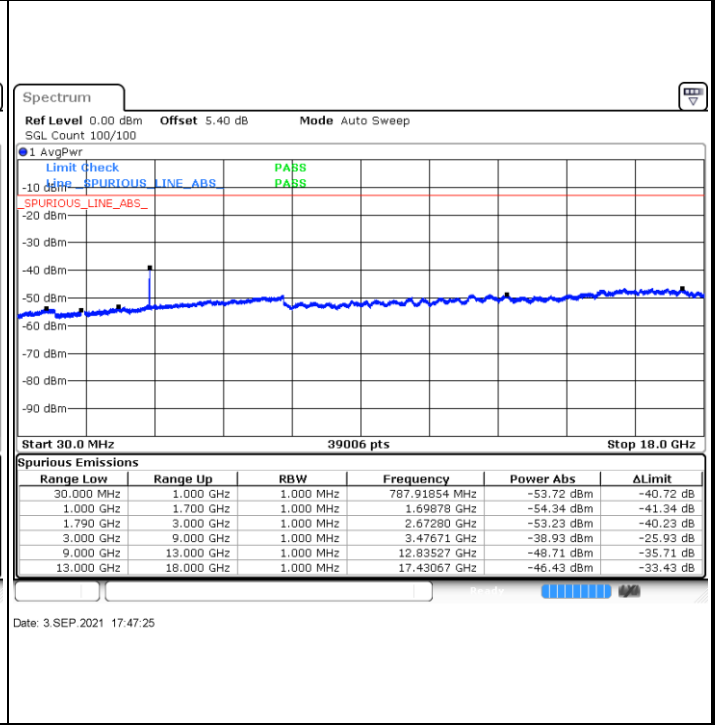


**LTE Band 66 / 15MHz**

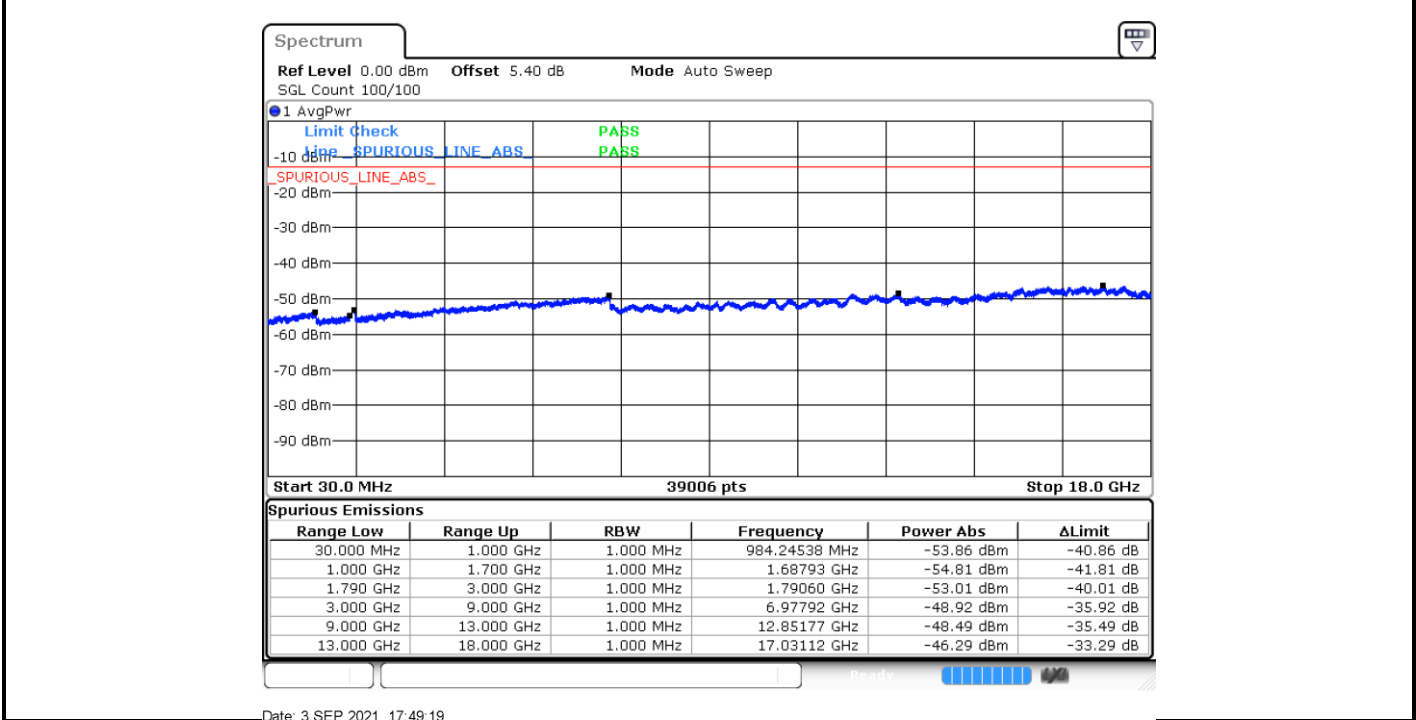
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**



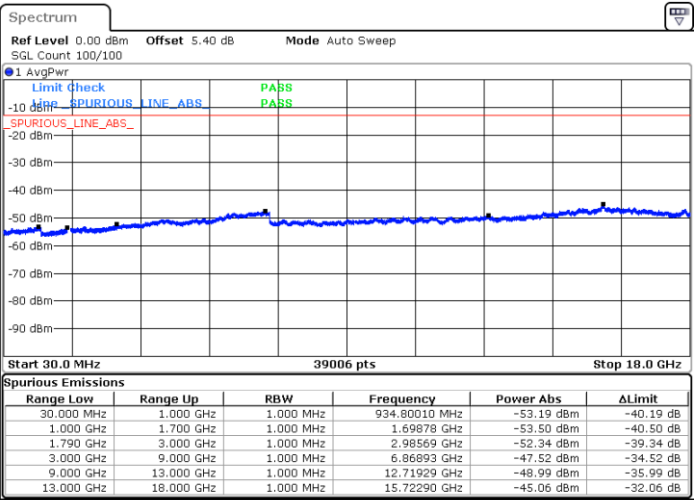
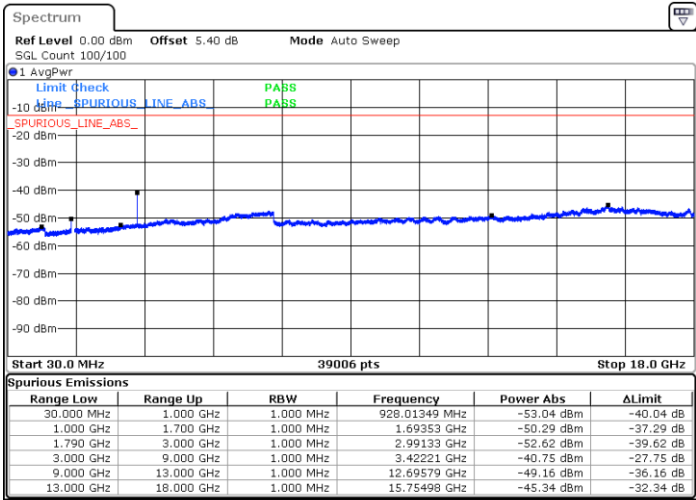




LTE Band 66 / 20MHz

Lowest Channel / QPSK

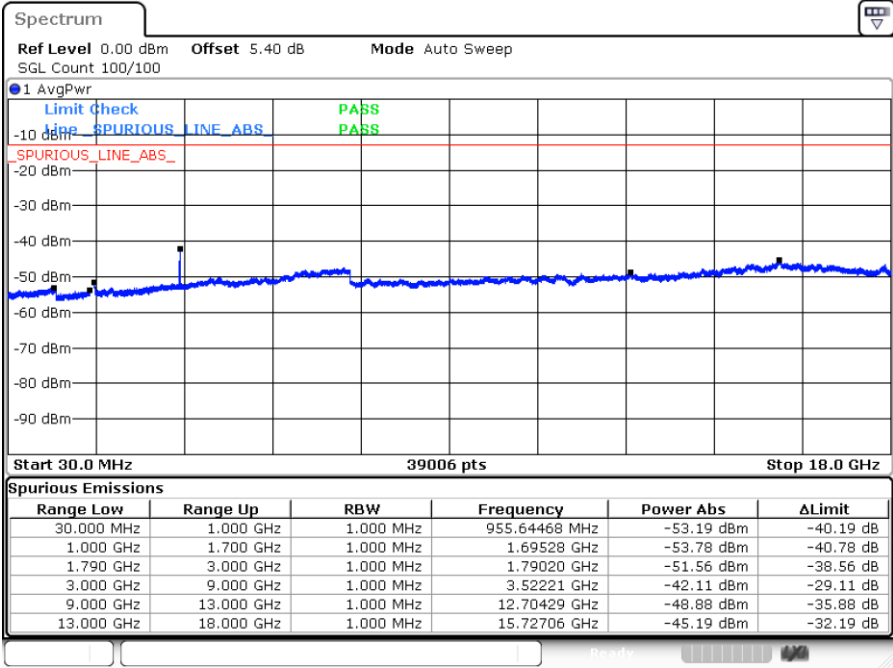
Middle Channel / QPSK



Date: 9\_SEP.2021 01:31:54

Date: 9\_SEP.2021 01:52:36

Highest Channel / QPSK



Date: 9\_SEP.2021 02:07:34



Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0021	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0018	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0034	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0022	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0017	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

Ant. 1:

LTE Band 2 / 20MHz / 16QAM								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3741	-58.11	-13	-45.11	-70.37	2.64	14.90	H
	5613	-55.93	-13	-42.93	-67.79	2.94	14.80	H
	7488	-54.47	-13	-41.47	-64.24	3.39	13.16	H
	3741	-57.82	-13	-44.82	-70.08	2.64	14.90	V
	5613	-56.64	-13	-43.64	-68.50	2.94	14.80	V
	7488	-54.10	-13	-41.10	-63.87	3.39	13.16	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 12 / 10MHz / QPSK								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1406	-68.68	-13	-55.68	-75.65	1.58	10.70	H
	2110	-63.59	-13	-50.59	-71.84	2.102	12.50	H
	2812	-61.02	-13	-48.02	-69.91	2.856	13.90	H
	3516	-61.44	-13	-48.44	-69.90	2.689	13.30	H
	1406	-68.48	-13	-55.48	-75.45	1.58	10.70	V
	2110	-62.80	-13	-49.80	-71.05	2.10	12.50	V
	2812	-60.67	-13	-47.67	-69.56	2.86	13.90	V
	3516	-61.50	-13	-48.50	-69.96	2.69	13.30	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 13 / 5MHz / QPSK								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1560	-67.83	-42.15	-25.68	-70.46	1.09	5.87	H
	2340	-60.07	-13	-47.07	-62.47	1.37	5.92	H
	3120	-61.23	-13	-48.23	-65.12	1.64	7.68	H
	1560	-67.14	-42.15	-24.99	-69.77	1.09	5.87	V
	2340	-59.12	-13	-46.12	-61.52	1.37	5.92	V
	3120	-61.00	-13	-48.00	-64.89	1.64	7.68	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 13 / 10MHz / QPSK								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1556	-67.98	-13	-54.98	-70.61	1.09	5.87	H
	2332	-51.24	-13	-38.24	-53.64	1.37	5.92	H
	3108	-61.08	-13	-48.08	-64.97	1.64	7.68	H
	1556	-67.11	-13	-54.11	-69.74	1.09	5.87	V
	2332	-48.96	-13	-35.96	-51.36	1.37	5.92	V
	3108	-60.56	-13	-47.56	-64.45	1.64	7.68	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 26 / 15MHz / QPSK								
Channel	Frequency ( MHz )	ERP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1660	-66.17	-13	-53.17	-73.14	1.58	10.70	H
	2490	-60.76	-13	-47.76	-69.01	2.102	12.50	H
	3318	-61.77	-13	-48.77	-70.66	2.856	13.90	H
	1660	-65.42	-13	-52.42	-72.39	1.58	10.70	V
	2490	-57.29	-13	-44.29	-65.54	2.10	12.50	V
	3318	-61.73	-13	-48.73	-70.62	2.86	13.90	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 66 / 20MHz / 16QAM								
Channel	Frequency ( MHz )	EIRP ( dBm )	Limit ( dBm )	Over Limit ( dB )	S.G. Power ( dBm )	TX Cable loss ( dB )	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3471	-56.68	-13	-43.68	-67.42	2.604	13.34	H
	5208	-41.84	-13	-28.84	-52.35	3.011	13.52	H
	6948	-56.50	-13	-43.50	-66.70	3.271	13.47	H
	3471	-57.33	-13	-44.33	-68.07	2.604	13.34	V
	5208	-41.79	-13	-28.79	-52.30	3.011	13.52	V
	6948	-55.67	-13	-42.67	-65.87	3.271	13.47	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.